

PATENT CLAIMS

1. Informatics equipment for an actor in a logistic chain of production or processing of products, more specifically of food products, characterized in that it comprises:

- the means to create document models based on heading modules and attribute modules, said document models being comprised on the one hand, of at least one heading (R₁, R₂ and R₃) and, on the other hand, of at least one attribute (A₁, A₂ and A₃) for each heading, comprising a data base, at least one of the attributes being a link to another document,

- the means for acquiring the documents with interfaces for acquiring the values (V₁, V₂ and V₃)

of the headings and attributes, and

- upon each acquisition of a document, the means to transmit the information acquired from the link/s to a traceability data base, said transmission being preferably conducted via a network of the Internet type.

2. Equipment according to claim 1, characterized in that it comprises the means to assign to each attribute a right of access to third parties.

3. Equipment according to claim 2, characterized in that the means to assign a right of access to third parties comprises the means, for each third party, to establish a right of access selected from the group that comprises: the right to read, the right to read and write, and denial of access.

4. Equipment according to claim 1, 2 or 3, characterized in that it comprises the means to assign to each attribute a traceability index so that the attribute constitutes a point of entry for a traceability search for another actor.

5. Equipment according to one of the preceding claims, characterized in that it comprises the means to assign to each attribute a search criterion characteristic or means not to assign one.

6. Equipment according to one of the claims 4 and 5, characterized in that it comprises the means to issue a search request based on at least one traceability index and on at least one search attribute.

7. Equipment according to one of the claims 1 through 6, characterized in that it comprises the means to assign to each attribute a parameter format, a list format or a table format.

8. Equipment according to one of the preceding claims, characterized in that it comprises the means to make the attribute be of a type selected from within the group that comprises simple attributes determined by direct acquisition, calculated attributes determined by calculation with the aid of other parameters, attributes extracted from other documents or files, and composite attributes, a composite attribute being a set of ordered attributes.

9. Equipment according to one of the claims 1 through 8, comprising the means to receive specification sheets consisting in the identifiers of operations or of products to be used, or of parameters or of ranges of parameters, and comprising the means to verify that the operations committed to memory with the aid of said informatics equipment are in compliance with the specification sheets.

10. System according to one of the preceding claims to link multiple informatics equipment, preferably by way of the Internet network, of actors in a logistic chain of production or processing of products, more specifically of food products, comprising a platform which includes the following:

- a data base with traceability intended to receive informatics equipment from each actor in the logistic chain, attributes comprising the identifier of an operation to be conducted, the identifier of the operator, information pertaining to the date the operation was conducted and

the identifier of an operation to be conducted immediately upstream and/or downstream of the concerned actor,

- a data base memorizing the rights of access of each actor to the information stored in the data bases specific to other actors, and

- a data base for routing providing the information needed for routing the information between the actors in function of, on the one hand, data provided by the traceability data base and, on the other hand, in function of the data base with the rights of access.